



Sheet 1 of 1

FORM PT -1449
(REV. 7-00)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

10/633,936

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

HIMMELE

FILING DATE

11-09-2003

GROUP

2873

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J	AA	6115846	9-12-00	TRUESDALE	2	209.13	11-30-98
J	AB	5634201	5-27-97	MOORING	455	90	5-30-95
J	AC	6028627	2-22-00	HELMESDERFER	348	157	6-4-97
J	AD	4953766	9-4-90	CRUICKSHANK	224	181	10-31-89
	AE						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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EXAMINER

Jesse H

DATE CONSIDERED

6/8/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.		SERIAL NO. <u>10/633936</u>	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT <u>HIMMELE</u>		FILING DATE <u>8-4-03</u>	
				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>J</u>	AA	<u>6172808</u>	<u>1-9-01</u>	<u>FOREMAN et al</u>	<u>359</u>	<u>481</u>	<u>6-2-97</u>
<u>J</u>	AB	<u>6115846</u>	<u>9-12-00</u>	<u>TRUESDALE</u>	<u>2</u>	<u>209.13</u>	<u>11-30-98</u>
<u>J</u>	AC	<u>5179735</u>	<u>1-93</u>	<u>THOMANEK</u>	<u>359</u>	<u>815</u>	<u>—</u>
<u>J</u>	AD	<u>5023706</u>	<u>6-91</u>	<u>SANDBERG</u>	<u>359</u>	<u>408</u>	<u>—</u>
<u>J</u>	AE	<u>5786932</u>	<u>7-98</u>	<u>PNIEL</u>	<u>359</u>	<u>409</u>	<u>—</u>
<u>J</u>	AF	<u>5767820</u>	<u>6-98</u>	<u>BASSETT et al</u>	<u>345</u>	<u>8</u>	<u>—</u>
<u>J</u>	AG	<u>5608808</u>	<u>3-97</u>	<u>DA SILVA</u>	<u>351</u>	<u>123</u>	<u>—</u>
<u>J</u>	AH	<u>6046712</u>	<u>4-00</u>	<u>BELLER et al.</u>	<u>345</u>	<u>8</u>	<u>—</u>
<u>J</u>	AI	<u>6160666</u>	<u>12-00</u>	<u>RALLISON et al</u>	<u>359</u>	<u>630</u>	<u>—</u>
<u>J</u>	AJ	<u>4077703</u>	<u>3-78</u>	<u>PABLO</u>	<u>359</u>	<u>480</u>	<u>—</u>
<u>J</u>	AK	<u>6305026</u>	<u>10-01</u>	<u>MO</u>	<u>2</u>	<u>209.13</u>	<u>—</u>
FOREIGN PATENT DOCUMENTS							
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EXAMINER <u>Jessu St</u>				DATE CONSIDERED <u>6/8/04</u>			
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LIST OF PRIOR ART CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				APPLICANT <u>HIMMELE</u>			
				FILING DATE <u>8-4-03</u>		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPR PRIATE
<u>JS</u>	AA	<u>5715323</u>	<u>2-98</u>	<u>WALKER</u>	<u>351</u>	<u>123</u>	<u>—</u>
<u>JS</u>	AB	<u>5828437</u>	<u>10-98</u>	<u>HUBERT-HUBERT et al</u>	<u>351</u>	<u>49</u>	<u>—</u>
<u>JS</u>	AC	<u>4877318</u>	<u>10-89</u>	<u>MILES et al</u>	<u>350</u>	<u>569</u>	<u>—</u>
<u>JS</u>	AD	<u>4810057</u>	<u>3-89</u>	<u>BUNKLEY</u>	<u>350</u>	<u>139</u>	<u>—</u>
<u>JS</u>	AE	<u>4077703</u>	<u>3-78</u>	<u>BEACHER PARLO</u>	<u>350</u>	<u>545</u>	<u>—</u>
<u>JS</u>	AF	<u>3741634</u>	<u>6-73</u>	<u>STOLTLE</u>	<u>351</u>	<u>57</u>	<u>—</u>
<u>JS</u>	AG	<u>3597041</u>	<u>8-71</u>	<u>FRANTZ</u>	<u>350</u>	<u>72</u>	<u>—</u>
<u>JS</u>	AH	<u>2986969</u>	<u>6-61</u>	<u>MUNCHERYAN</u>	<u>88</u>	<u>41</u>	<u>—</u>
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FORM PTO-1449 (REV. 7-90)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.		SERIAL NO. <u>10/633,936</u>	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<u>JD</u>	AA	<u>26490198-88</u>	<u>8-88</u>	<u>HARTLINE</u>	<u>88</u>	<u>36</u>	<u>9-49</u>
<u>JD</u>	AB	<u>5634201</u>	<u>5-97</u>	<u>MOORING</u>	<u>455</u>	<u>90</u>	<u>5-95</u>
<u>JD</u>	AC	<u>5724119</u>	<u>3-98</u>	<u>LEIGHT</u>	<u>351</u>	<u>158</u>	<u>7-96</u>
<u>JD</u>	AD	<u>D386298</u>	<u>11-97</u>	<u>HANCOCK</u>	<u>D3</u>	<u>218</u>	<u>5-96</u>
<u>JD</u>	AE	<u>6247205</u>	<u>6-01</u>	<u>DAMADAN</u>	<u>24</u>	<u>3:12</u>	<u>2-99</u>
<u>JD</u>	AF	<u>6028627</u>	<u>2-00</u>	<u>HELMSDERFER</u>	<u>348</u>	<u>157</u>	<u>6-97</u>
<u>JD</u>	AG	<u>4953766</u>	<u>9-90</u>	<u>CRUICKSHANK</u>	<u>224</u>	<u>181</u>	<u>10-89</u>
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